Bengaluru South City Corporation

Office of the Executive Engineer, Traffic Engineering and Mobility Cell, 2nd floor, 9th Main Road, Jayanagara 2nd block, Bengaluru -560011 e-mail: tecsouthpalike@gmail.com

No: EE/TE&M Cell/BSCC/PR/25 /2026-27 Date: 29/06/2026

Proceeding of Pre-Bid Meeting

Venue: Office of the Chief Engineer [Zone-1],
Bengaluru South City Corporation,
2nd Floor, 9th Main Road,
Jayanagara 2nd Block,
Bengaluru - 560 011
15:00 Hrs.

Date: 20.05.2026 @

Project Name: Road Sweeping by using latest Mechanical Road Sweeping Machines 4Nos including Operations and Maintenance with section of capacity not less than 5 cubic meter and required no of tipper trucks including manpower, fuel, maintenance and all consumables, for sweeping length of 160 km of roads within Bengaluru South City Corporation limits on per-kilometre payment basis (Package -1&2) in Zone-1&2 of BSCC

Ref:
1. Tender Notification No: EE / TE & M Cell / BSCC / TEND / 07 / 2026-27, Date: 15.05.2026.
2. Tender Indent No: BSCC/2025-26/SE0108.
3. Tender Indent No: BSCC/2025-26/SE0109.

****

Officers Present:

1. Basavaraj R. Kabade, Chief Engineer [Zone-1], BSCC in Chair.
2. Ravi .K .V, Chief Engineer [Zone-2], BSCC.
3. P Janardhan, Executive Engineer, [Zone-1 & 2], BSCC.

Bidders Present:

1. M/s. TPS Infrastructure Limited.
2. M/Ayan Pumps and Enviro Solution Pvt Ltd.

The meeting started as per the scheduled time and welcomed the officers present.

The below queries received through KPP portal within specified time i.e., 20.05.2026 up to 15:00 Hrs.

Scanned with OKEN Scanner

Sl. No.	As per Tender	Bidders Queries	Replies
Pre-Bid Queries submitted by M/Ayan Pumps and Enviro Solution Pvt Ltd			
1.	Mobilization Period/Start Date	It is observed that the tender document does not specify the Mobilization Period or the Start Date for commencement of services. The scope of work requires deployment of specialized road sweeping machines and associated equipment. Such machines are highly customized, made-to-order vehicles and are generally manufactured only against confirmed purchase orders. These vehicles are not maintained as ready stock by OEMs due to their high capital cost and project-specific configurations. Considering the manufacturing lead time, body building, testing, registration, transportation, and deployment activities involved, a minimum period of **6 to 8 months** is required from the date of issuance of the Purchase Order/Letter of Acceptance for successful mobilization. In view of the above, we request the Authority to kindly clarify the Mobilization Period/Start Date and allow a minimum mobilization period of **6–8 months from the date of Purchase Order/Letter of Acceptance** for deployment of the required machinery and commencement of services.	Soon after the issuance of the work order, the successful bidder shall deliver the machines within a period of two months (maximum 60 days). The agency shall arrange to provide inspection within 50 days of issuance of work order at the OEM site of delivery. The site will be visited by a team of three officials and after clearance from the team, the delivery shall be made within a period of next 10 days. All other Tender Condition Prevails.
2.	**1.1 Introduction** This tender is strictly a service contract. It does not involve procurement or purchase of sweeping machines or tipper trucks by the Corporation. **Ownership of all equipment** shall remain **with the successful bidder** throughout the contract period.	It is highlighted that Road Sweeping Machines and Tipper Trucks are distinct categories of equipment and may be procured from different manufacturers/OEMs. While Road Sweeping Machines are specialized equipment directly related to the service scope, Tipper Trucks are standard transportation vehicles that are commonly hired or leased for operational requirements. Accordingly, we request the Authority to kindly amend the clause as follows: • Ownership of Road Sweeper Machines shall remain with the successful bidder throughout the contract period. • The bidder may lease/hire Tipper Trucks from other agencies for execution of the work. A valid lease/hire agreement shall be submitted along with the tender documents and maintained throughout the contract period. This amendment will promote wider	Tender Condition Prevails.

Scanned with OKEN Scanner

		participation, provide operational flexibility, and ensure efficient execution of the services without affecting the quality or performance obligations under the contract.	
3.	1.2.2 Deployment and operation of Using Latest mechanical road sweeping machines and **Required numbers of tipper trucks** (minimum 14 m³ capacity each), in accordance with the specifications and operational requirements set out in this RFP.	The minimum number of tipper trucks to be deployed has not been specified in the tender document. The quantity of tipper trucks required for the project has a significant bearing on the bidder's capital and operational costs and is therefore essential for accurate estimation and submission of a competitive bid. In view of the above, we request the Authority to kindly clarify the minimum number of tipper trucks required to be deployed under the contract. This clarification will enable all bidders to quote on a uniform basis and ensure fair comparison of bids.	**Clarified.** The contractor must deploy a ***minimum of 3 to 4 tipper trucks per package*** (each with a minimum capacity of 14cum) to ensure zero operational downtime for the 4 sweeping machines.
4.	1.2.3 Each **Using Latest** sweeper machine shall be operated to achieve a **minimum sweeping distance of 40 km per machine per day**, sweeping Central median & Kerb side on either side, for approximately **320 working days per year**, covering an estimated 160 **km sweeping length of roads** within the limits of Bengaluru Central City Corporation.	The tender stipulates that each mechanical road sweeping machine shall achieve a minimum sweeping distance of 40 km per day and that approximately 160 km of road length is proposed to be covered within the Corporation limits. However, while the tender specifies the daily performance target, it does not clearly indicate the minimum assured quantity of work to be allocated to the contractor during the contract period. Since deployment of specialized road sweeping machines involves substantial capital investment, manpower deployment, maintenance costs, financing commitments, and fixed operating expenses, the absence of a minimum assured work quantity creates uncertainty in assessing the commercial viability of the project and preparing an accurate bid. Accordingly, we request the Authority to kindly clarify: 1. The minimum assured road length/work quantity that will be allocated to the contractor during the contract period. 2. The payment mechanism applicable in the event that the Corporation is unable to provide sufficient road length to achieve the prescribed daily target of 40 km per machine per day. This clarification will enable bidders to accurately assess project risks, optimize	Minimum of 40 kms of road sweeping length will have to be done and the same will be provided. In the event of any sweeping done less than that in rare circumstances then per km cost will be deducted accordingly. All other terms and condition remain the same.

Scanned with OKEN Scanner

		resource deployment, and submit competitive and realistic bids on a uniform basis.	
5.	1.2.7 Sweeping machines should operate only for 8 hours from 10 pm to 6 am, in a manner that ensures minimum disturbance to traffic and public movement	It is requested to kindly clarify whether the travel time involved in mobilizing the machines from the designated parking/holding area to the assigned roads, inter-route movement between work locations, and return travel to the parking/holding area after completion of work shall be considered as part of the prescribed 8-hour operating period. OR The requirement is for **8 hours of actual sweeping operations**, excluding travel and positioning time, in which case the travel duration would be over and above the stipulated working hours. This clarification is essential as the interpretation of working hours directly impacts machine productivity, route planning, manpower deployment, fuel consumption, operational costs, and consequently the rates to be quoted by the bidders.	**Clarified.** The 8-hour shift (10:00 PM to 6:00 AM) is the fixed window for operations. Measurement for payment is **strictly based on verified kilometers actually swept**. Transit distance/time has no bearing on payment.
6.	1.2.12 The Contractor shall deploy, at a **minimum, 1 driver, 1 cleaner, and 1 footpath cleaner for each sweeping machine and each tipper truck,** and for the operation of sweeping machines shall additionally deploy 1 full-time Project Manager and 1 full-time Supervisor for overall coordination and day-to-day supervision.	Kindly clarify whether the requirement of deploying **1 Driver, 1 Cleaner, and 1 Footpath Cleaner** is applicable separately for each tipper truck in addition to each road sweeping machine. It is submitted that the primary function of the tipper truck is transportation and disposal of collected silt, dust, and debris. For operation and maintenance of tipper trucks, deployment of a Driver and, if required, a Helper/Cleaner is generally sufficient. The requirement of an additional Footpath Cleaner for each tipper truck does not appear to be operationally necessary and may result in significant additional manpower costs without corresponding operational benefits. Accordingly, we request the Authority to kindly clarify the minimum manpower requirement for tipper trucks and consider revising the provision, if applicable, to align with the actual operational needs of the tipper truck fleet. This clarification is essential for accurate assessment of manpower costs and preparation of competitive bids on a uniform basis.	The clause 1.2.12 is very clear. It is relevant for both sweeping machines and as well as for the tippers. All other terms and condition remain the same
7.	3.3 Bidders shall quote year-wise per-kilometer Path rate (inclusive of all applicable Taxes) for each of the seven (7) contract years in Annexure-C. The per-kilometer rate (inclusive	Kindly clarify the applicability of GST on the subject contract and requested to confirm: 1. Whether GST is applicable to the services covered under this contract. 2. If GST is applicable, whether bidders are required to include GST in the quoted per-kilometer rates or it shall be payable extra at actuals.	**Clarified.** Per-kilometer rates quoted in Annexure-C must be **inclusive of all applicable taxes, including GST**. Quoted rates remain firm and fixed for that respective contract year; no separate statutory escalation

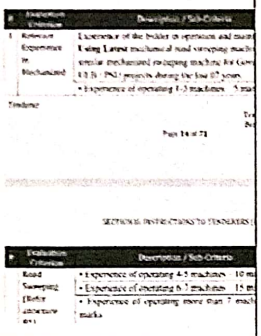
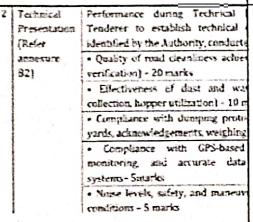
Scanned with OKEN Scanner

	of all applicable Taxes) quoted for each contract year shall be firm and fixed for that respective year. No escalation, price adjustment, indexation or revision shall be admissible on any account.	3. In the event of any change in GST rates, introduction of new taxes, or modification in statutory tax provisions during the contract period, whether such statutory variations shall be reimbursed separately at actuals by the Corporation or shall be deemed included in the quoted rates.? This clarification is essential since the contract period is seven years and any future statutory changes in tax rates are beyond the control of the contractor and may have significant financial implications on contract execution.	is admissible
8.	3.3 Bidders shall quote year-wise per-kilometer Path rate (inclusive of all applicable Taxes) for each of the seven (7) contract years in Annexure-C. The per-kilometer rate (inclusive of all applicable Taxes) quoted for each contract year shall be firm and fixed for that respective year. No escalation, price adjustment, indexation or revision shall be admissible on any account.	The tender provides for a contract period extending beyond the initial seven years, subject to extension by the Authority. In this regard, the tender document does not specify the applicable payment rates during the extended period beyond the seventh year. Accordingly, we request the Authority to kindly clarify the applicable per-kilometer rates for the extended contract period from the **eighth (8th) year to the tenth (10th) year**, if the extension option is exercised. This clarification is essential for proper assessment of long-term commercial obligations and financial commitments under the contract, particularly considering the substantial capital investment required for procurement and deployment of specialized road sweeping equipment.	**Clarified.** As per Section X (Contract Form), the baseline Contract Price applies to the 7-year tenure, which may be **escalated by 5% annually from the 8th year onwards**, completely subject to satisfactory annual performance reviews and approval by the Competent Authority.
9.	(a) Experience Criteria 1. The bidder shall have a minimum of 3 years' experience during the last five 5 financial years in operation of mechanized road sweeping executed for Government Departments, Urban Local Bodies (ULBs), PSUs, or Statutory Authorities.	We respectfully submit that we are one of India's leading manufacturers of specialized vehicle-mounted sanitation and waste management equipment and the first Indian company to export such high-technology "Make in India" vehicles to Europe, America, and Australia, thereby demonstrating international acceptance and quality standards of our products. Over the past two decades, we have manufactured and deployed more than 500 vehicle-mounted machines used for solid and liquid waste management applications, equipped with debris/water tanks, high-pressure washing systems, high-capacity vacuum systems, and other specialized sanitation technologies. We have also provided comprehensive operation and maintenance services for such equipment to various Government and municipal organizations. Further, **we have supplied similar high-capacity sanitation machines to Bengaluru Municipal authorities**, where the equipment is operating satisfactorily and contributing to	Clause to be read as "The bidder shall have a minimum of 3 years' experience during the last five 5 financial years in operation of mechanized road sweeping machine and or mechanized similar machines used for solid and liquid waste management applications, equipped with debris/water tanks, high-pressure washing systems, high-capacity vacuum systems, and other specialized sanitation technologies and shall satisfy the requirements of technical specifications as per RFP at the time of Demonstration"

Scanned with OKEN Scanner

		municipal sanitation services. It is submitted that the technology, operational methodology, maintenance requirements, manpower deployment, and service delivery aspects of such vehicle-mounted sanitation equipment are substantially similar to those involved in mechanized road sweeping operations. Accordingly, we request the Authority to kindly consider and accept experience relating to operation and maintenance of chassis mounted machines equipped with vacuum system, high pressure washing/ jetting system used for solid or liquid waste handling applications, as eligible experience for meeting the qualification criteria. This would broaden competition, encourage participation by technically competent and experienced sanitation equipment operators, and enable the Authority to receive more competitive bids while maintaining the desired technical and operational standards.	
10.	(a) Experience Criteria 2. The bidder shall have operated and maintained at least 2 mechanical road sweeping machines (or similar mechanized sweeping equipment) under one or more contracts. *(Refer Annexure A–1)*	We respectfully submit that several specialized vehicle-mounted sanitation and waste management machines utilize technology and operational systems comparable to those employed in mechanical road sweeping equipment. Such machines are equipped with debris collection systems, high-capacity vacuum systems, water tanks, high-pressure washing arrangements, hydraulic systems, and other specialized components requiring similar operational expertise, maintenance capabilities, and manpower deployment. We have extensive experience in operation and maintenance of vehicle-mounted machines used for solid and liquid waste management applications and equipped with Minimum 5,000-liter debris/water tank, High-pressure washing systems, High-capacity vacuum systems. The operation and maintenance of such equipment involve technical competencies substantially similar to those required for mechanized road sweeping machines. Accordingly, we request the Authority to kindly clarify and amend the eligibility criteria to consider experience in operation and maintenance of chassis mounted machines equipped with vacuum system, high pressure washing/ jetting system used for solid or liquid waste handling applications as eligible experience for compliance with this requirement. This amendment will enable participation of technically qualified and experienced	May be read as the bidder shall have operated and maintained at least 2 mechanical road sweeping machines (or similar mechanized sweeping equipment) or mechanized similar machines used for solid and liquid waste management applications, equipped with debris/water tanks, high-pressure washing systems, high-capacity vacuum systems, and other specialized sanitation technologies under one or more contracts.

Scanned with OKEN Scanner

		sanitation equipment operators, enhance competition, and assist the Authority in obtaining more competitive rates while ensuring effective project execution.	
11.	(b) 1. The bidder shall have achieved a **minimum average annual turnover of ₹7.20 Crores in any 2 of the last 5 financial years**, from operations related to mechanised sweeping services	(b) The bidder shall have achieved a **minimum average annual turnover of ₹7.20 Crores in any 2 of the last 5 financial years**, from operations related to mechanized sweeping services **or sanitation services such as solid or liquid waste handling**	Tender Condition Prevails
12.	**23.8 TECHNICAL EVALUATION** 	Experience of the bidder in operation and maintenance of Using Latest mechanical road sweeping machines or similar mechanized sweeping equipment **OR chassis mounted machines equipped with sludge/dust tank, vacuum system, high pressure washing/ jetting system used for solid or liquid waste handling applications** for Government / ULB / PSU projects during the last 10 years.	As per reply (10) above the question does not arise.
13.		This condition looks to be very stringent, monopolistic and favoring to particular bidder who has got tender specified vehicle in stock. To attract more bidders, to make tender more generic (so that the corporation can have better options at most reasonable rates), We request to delete the mandatory Demonstration / Field Trial condition at the tender stage and allow the bidder to make a detailed technical presentation to establish technical compliance of their offered system. Also, it shall be mandatory for the successful bidder to offer physical field trials before actual deployment of the vehicles on site. The contract shall start only after successful field trials only. It will make this tender more generic and attract more bidders.	Reply at Sl No. (1) holds good and all other terms and conditions prevail.
14.	24. ABNORMALY LOW OR UN-BALANCED BIDS If the bid of the successful bidder is found to be abnormally low or unbalanced in comparison to the Authority's estimate, the Authority may require the bidder to submit a detailed cost justification to demonstrate the internal consistency and	Kindly clarify the rate of Additional Performance Security and applicability.	**Clarified.** If a bid is determined to be abnormally low or unbalanced against the Authority's estimate, a detailed cost justification is required. The Authority reserves the right to ask for an enhanced performance security to safeguard project delivery. The rate of additional performance security will be equal to that of difference in the per annum cost of per km rate

Scanned with OKEN Scanner

	viability of the quoted bid. If the justification is found unsatisfactory, the Authority reserves the right to reject the bid or seek enhanced performance security, in order to safeguard against the risk of non-performance. The Authority reserves the right to accept or reject any tender, or annul the tendering process, in accordance with the provisions of the tender documents, without incurring any liability to the bidders		quoted to that of appr... estimated rate.
15.	Additional	Kindly clarify following provisions which are mandatory for estimation: 1. Water and Electricity require for operation and maintenance 2. Parking space for Sweeper and tipper trucks 3. Open space for control office/ maintenance workshop 4. Dumping location and charges. 5. Distance of dumping location from allocated roads 6. Distance of roads to be swept from Parking place We request to authority that above provisions shall be made free of cost to the contractor which will enable participation of technically qualified and experienced sanitation equipment operators, enhance competition, and assist the Authority in obtaining more competitive rates while ensuring effective project execution	The bidder is required to quote taking into consideration all the aspects for the satisfactory completion of work including the points asked for in the queries.
16.	31. The successful bidder shall furnish Performance Security equivalent to five percent (5%) of the annual Contract Value for the respective contract year, in the form of an irrevocable Bank Guarantee issued by a Nationalised or Scheduled Bank. The Performance Security for the first contract year shall be submitted at the time of signing of the	31. The successful bidder shall furnish Performance Security equivalent to **two percent (2%)** of the annual Contract Value for the respective contract year, in the form of an irrevocable Bank Guarantee issued by a Nationalised or Scheduled Bank. The Performance Security for the first contract year shall be submitted at the time of signing of the Contract and shall be valid for a period of sixty (60) days beyond the expiry of the first contract year. For each subsequent contract year, the Performance Security shall be revised based on the Contract Value for that respective year and shall be submitted at least thirty (30) days prior to the expiry of the	Tender Condition Prevails

Scanned with OKEN Scanner

	Contract and shall be valid for a period of sixty (60) days beyond the expiry of the first contract year. For each subsequent contract year, the Performance Security shall be revised based on the Contract Value for that respective year and shall be submitted at least thirty (30) days prior to the expiry of the Performance Security of the preceding year. This process shall be followed for all subsequent years of the contract, subject to continuation of the contract based on satisfactory performance	Performance Security of the preceding year. This process shall be followed for all subsequent years of the contract, subject to continuation of the contract based on satisfactory performance	
17.	Additional	The project requires substantial upfront investment towards procurement/ manufacturing of specialized mechanical road sweeping machines, deployment of tipper trucks, establishment of operational infrastructure, recruitment and training of manpower, insurance, statutory compliances, and other pre-operational activities prior to commencement of services. It is submitted that the road sweeping machines envisaged under the tender are highly specialized, customized, and made-to-order vehicles. Such equipment is generally manufactured only against confirmed orders and involves significant capital expenditure with long manufacturing and delivery lead times. The successful bidder is required to make substantial investments well before commencement of revenue generation under the contract. Considering the long contract duration and the significant capital commitment required for successful execution of the project, we request the Authority to kindly provide a **Mobilization Advance equivalent to 20% of the Contract Value** against submission of an appropriate Bank Guarantee or other acceptable security. Provision of mobilization advance will enable the successful bidder to: • Expedite manufacturing and deployment of the required machinery. • Ensure timely mobilization of resources and commencement of services. • Reduce financing costs associated	Clarified. As per Section IV (Clause 4) of the Special Conditions of Contract, no advance payment or mobilization advance shall be applicable under this Contract as it is completely and Operation and Maintenance contract.

Scanned with OKEN Scanner

		with large capital investments. • Facilitate participation of technically competent bidders. • Promote healthy competition and result in more competitive bid prices for the Authority. Accordingly, we request the Authority to kindly consider providing a **Mobilization Advance of 20% of the Contract Value**, recoverable from subsequent running bills in a mutually agreed manner, against suitable security to safeguard the interests of the Authority.	
18.	Additional	The tender specifies an estimated rate of **Rs. 699 per Km Path** for a contract period of seven (7) years, extendable by a further three (3) years. In this regard, it is respectfully submitted that the estimated rate appears to be significantly lower considering the comprehensive scope of work envisaged under the tender, which includes, but is not limited to: • Deployment of specialized mechanical road sweeping machines. • Deployment of tipper trucks and associated transportation arrangements. • Fuel, lubricants, and consumables. • Operation and maintenance of all equipment. • Deployment of drivers, operators, cleaners, supervisors, and project management personnel. • Insurance, registration, permits, statutory compliances, and taxes. • Repair and replacement of wear-and-tear components, brushes, suction systems, hydraulic components, and other critical spares. • Parking, logistics, and operational infrastructure. • Financing costs associated with high-value capital equipment. • Compliance with performance standards and contractual obligations throughout the contract period. Further, the contract requires bidders to quote fixed rates for multiple years with no provision for escalation, indexation, or adjustment on account of inflation, increase in fuel prices, labour costs, spare parts costs, or other operating expenses. Considering the substantial capital investment and recurring operational expenditure involved, the estimated rate of Rs. 699 per Km Path may not adequately reflect prevailing market costs and could adversely impact long-term sustainability and quality of service	Tender condition prevails

Scanned with OKEN Scanner

<table>
<tr><td></td><td></td><td>delivery.
Accordingly, we request the Authority to kindly review the cost estimates and revise the estimated rate based on current market conditions, actual operating costs, and the long-term financial commitments required under the contract. This will encourage participation by qualified bidders, enhance competition, and ensure sustainable and efficient execution of the project throughout the contract period.</td><td></td></tr>
<tr><td>19.</td><td>5. Key Performance Indicators (KPIs) Linked to Payment</td><td>We request to consider the Key Performance Indicators (KPIs) Linked to Payment similar to Tender invited by Bangalore West City Corporation which is more appropriate and achievable.
The min. targeted work of 40 Km per day is practically not achievable considering effective sweeping of roads.</td><td>Tender Condition Prevails</td></tr>
<tr><td>20.</td><td>SECTION VI - TECHNICAL SPECIFICATIONS
<table><tr><th>Sl No</th><th>Item / Parameter</th><th>Minimum Requirement</th></tr><tr><td>1</td><td>Type</td><td>Latest Road Sweeping Machine – Vacuum based or Combination (Vacuum + Conveyor) type</td></tr><tr><td>2</td><td>Make/ Model</td><td>Year 2025 or Latest</td></tr><tr><td>3</td><td>Engine Capacity (CC)</td><td>Minimum 4500 CC (power to be drawn from main engine; no auxiliary engine)</td></tr><tr><td>4</td><td>Fuel Type</td><td>Diesel / CNG / Electric</td></tr><tr><td>5</td><td>Gross Vehicle Weight</td><td>As per manufacturer specification for the purpose intended</td></tr><tr><td>6</td><td>Engine Power</td><td>As per manufacturer specification for the purpose</td></tr></table></td><td>Kindly amend the specifications as under which is more appropriate and suitable for this application:
<table><tr><th>Sl No</th><th>Item / Parameter</th><th>Minimum Requirement</th></tr><tr><td>1</td><td>Type</td><td>Latest Road Sweeping Machine – Vacuum based or Combination (Vacuum + Conveyor) type or chassis mounted sweeping machine</td></tr><tr><td>2</td><td>Make/Model</td><td>Year 2025 or Latest</td></tr><tr><td>3</td><td>Engine Capacity (CC)</td><td>As per manufacturer specification for the purpose intended</td></tr><tr><td>4</td><td>Fuel Type</td><td>Diesel / CNG / Electric</td></tr><tr><td>5</td><td>Gross Vehicle Weight</td><td>As per manufacturer specification for the purpose intended</td></tr><tr><td>6</td><td>Engine Power</td><td>As per manufactures specifications for the purpose intended</td></tr><tr><td>7</td><td>Payload Capacity</td><td>As per manufacturer specification for the purpose intended</td></tr><tr><td>8</td><td>Vehicle Emission Compliance</td><td>BS-VI / Euro-VI / applicable CEV norms</td></tr><tr><td>9</td><td>Minimum Engine Torque</td><td>Minimum 500 Nm</td></tr><tr><td>10</td><td>Steering</td><td>Power Operated</td></tr><tr><td>11</td><td>Turning Radius</td><td>As per manufacturer specification for the purpose intendeds</td></tr><tr><td>12</td><td>Transaction</td><td>Minimum 40 kmph or</td></tr></table></td><td>The changes are incorporated as per the Annexure-A attached.</td></tr>
</table>

Scanned with OKEN Scanner

			intended
	7	Payload Capacity	As per manufacturer specification for the purpose intended
	8	Vehicle Emission Compliance	**BS-VI / Euro-VI / applicable CEV norms**
	9	Minimum Engine Torque	Minimum **500 Nm**
	10	Steering	Power Operated
	11	Turning Radius	As per manufacturer specification for the purpose intended
	12	Transaction speed of hydrostatic drive	Minimum **40 kmph**
	13	Sweeping Speed	Minimum **10 kmph**
	14	Engine Aspiration	Turbo Charged
	15	Fuel Tank Capacity	Minimum **100 liters**
	16	No. of Brooms/Brushes	**3 and above**
	17	Minimum Sweeping Width	Minimum **3,500 mm**
	18	Effective Dust Collection Capacity	Minimum **5,000 liters / 5 Cum**
	19	Dust Control System	Filter based system capable up to **PM2.5 /**
		speed of hydrostatic drive	**Hydrostatic or Crib drive to be allowed for better system control.**
	13	Sweeping Speed	Minimum 5 Kmph
	14	Engine Aspiration	Turbo Charged
	15	Fuel Tank Capacity	Not less than 80 liters
	16	No. of Brooms/Brushes	**3 and above**
	17	Minimum Sweeping Width	Minimum **3,500 mm**
	18	Effective Dust Collection Capacity	Minimum **5,000 liters / 5 Cum**
	19	Dust Control System	Filter based system capable up to **PM2.5 /** water recycling system / any better system
	20	Water Tank Capacity	Min. 2000 Liters. To have longer duration cleaning, to have additional road washing system for better pollution control
	21	Front Broom Length	Minimum **1,200 mm**
	22	Front Broom Diameter	Minimum **900 mm & above**
	23	Side Broom Diameter	Minimum **900 mm**
	24	Hopper Dumping Height	Minimum **1,000 mm**
	25	Noise (CPCB norms)	As per pollution NORMS
	26	Suction Pipe Length	Minimum **5 m and above**
	27	Suction Pipe Diameter	Minimum **150 mm and above**
	28	Cleaning Method	Vacuum or Combination of Conveyor and Vacuum Type
	29	Blower Suction Pressure	Minimum **80 millibar**
	30	Blower Suction Flow	Minimum **12,000 cu-m/hr.**
	31	Container Material	Stainless Steel / ABS cover outside
	32	Driver Cabin	Ergonomically designed cabin with adjustable steering column, dashboard, armrest, and Air Conditioning

Scanned with OKEN Scanner

			water recycling system / any better system
20	Water Tank Capacity	Min. 2000 Liters. To have longer duration cleaning, to have additional road washing system for better pollution control	
21	Front Broom Length	Minimum **1,200 mm**	
22	Front Broom Diameter	Minimum **900 mm & above**	
23	Side Broom Diameter	Minimum **900 mm**	
24	Hopper Dumping Height	Minimum **1,000 mm**	
25	Noise (CPCB norms)	Maximum **85 dB**	
26	Suction Pipe Length	Minimum **5 m and above**	
27	Suction Pipe Diameter	Minimum **150 mm and above**	
28	Cleaning Method	Vacuum or Combination of Conveyor and Vacuum Type	
29	Blower Suction Pressure	Minimum **80 millibar**	
30	Blower Suction Flow	Minimum **12,000 cu-m/hr.**	
31	Container Material	Stainless Steel / ABS cover outside	
32	Driver Cabin	Ergonomically designed cabin with	
33	Automatic Levelling System	Hydraulic front suspension with automatic levelling system or as per manufacturer standards	
34	Monitoring System	LCD screen enabling parameter checks of electronic/hydraulic system; shall show water level and container dust level	
35	Independent Brush Lifting	All brushes shall have facility of lifting independently	
36	Camera	**360-degree view** camera system around sweeper	
37	GPS	**AS140 compliant GPS system** shall be provided	
38	High Pressure Water Pump	The machine shall be equipped with high pressure washing system capable of delivering various water flow and pressure outputs ranging from 10 LPM @ 100 bar pressure to 100 LPM at 100 Bar pressure and vice versa. This will have operational flexibilities to use more water or high-pressure jets as per the onsite cleaning requirement for most effective results. • Additionally Full width washing bar with sufficient no. of nozzles is to be provided for effective dust suppression and road washing with high pressure water pump. • Water spray jets are to be provided at broom for effective cleaning and dust suppression.	

The same specifications are considered by Bangalore North City Corporation.

Scanned with OKEN Scanner

			adjustable steering column, dashboard, armrest, and Air Conditioning
	33	Automatic Levelling System	Hydraulic front suspension with automatic levelling system
	34	Monitoring System	LCD screen enabling parameter checks of electronic/hydraulic system; shall show water level and container dust level
	35	Independent Brush Lifting	All brushes shall have facility of lifting independently
	36	Camera	**360-degree view** camera system around sweeper
	37	GPS	**AS140 compliant GPS system** shall be provided
	38	High Pressure Water Pump	The machine shall be equipped with high pressure washing system capable of delivering various water flow and pressure outputs ranging from 10 LPM @ 100 bar pressure to 100 LPM at 100 Bar pressure and vice versa. This will have operational flexibilities to use more water or high

pressure jets as per the onsite cleaning requirement for most effective results.
Tenderer Additionally Full width washing

Scanned with OKEN Scanner

			pressure jets as per the onsite cleaning requirement for most effective results. Tenderer Additionally Full width washing bar with sufficient no. of nozzles is to be provided for effective dust suppression and road washing with high pressure water pump. Water spray jets are to be provided at broom for effective cleaning and dust suppression.	
Pre-Bid Queries submitted by M/s Prime Road Solutions				
21	As per Clause 14 of Section II (Instructions to Tenderers) and Section V (Schedule of Requirements) of Tender No. EE/BSCC/TE&MC/TEND/07/2026-27, every bidder is required to furnish EMD of ₹1, 00,000 through e-payment and balance ₹42, 00,000 through Bank Guarantee/FDR, aggregating to ₹43, 00,000.	We request the Authority to kindly exempt Earnest Money Deposit (EMD) and Tender Processing Fee for bidders registered as Micro or Small Enterprises (MSEs) under Udyam Registration, as per Government policy applicable to MSE bidders in public procurement.	Tender Condition Prevails
22.	**Relaxation of Banker's Certificate / Line of Credit Requirement** As per Clause 7.1.1(b), every Tenderer is required to furnish an Unconditional Banker's Certificate / Line of Credit from a Nationalized/Scheduled Bank for ₹1.08 Crore.	We submit that we are a self-financed entity with adequate liquid funds of our own, and therefore do not require a Line of Credit/Banker's Certificate from any bank for execution of this project. We request the Authority to kindly waive this requirement, and instead consider our CA-certified Net Worth Certificate as sufficient proof of our financial capacity for this tender	Tender Condition Prevails
23.	**SECTION VI -**	Attached	Reply at Sl No. 20 above

Scanned with OKEN Scanner

	TECHNICAL SPECIFICATIONS		holds good
Pre-Bid Queries submitted by M/s Greenviro Infratech Pvt Ltd			
24.	Road Sweeping by using latest Mechanical Road Sweeping Machines 4 Nos including Operations and Maintenance with dust holding capacity of section not less than 5 cubic meter and required no of tipper trucks including manpower, fuel, maintenance and all consumables, for sweeping length of 160 km of roads within Bengaluru South City Corporation limits on per-kilometre payment basis	Your tender clearly specifies to provide Road Sweeping by using latest Mechanical Road Sweeping Machines 04 Nos including Operations and Maintenance with suction of capacity not less than 5 cubic meter including manpower, fuel, maintenance and all consumables. Therefore, we assume that the Contractor has to choose the best technology sweeper machines that are more suitable to the Bengaluru City ground reality. Hence, we further assume that the Bidder should provide their machine with technical specification considering the minimum criteria mentioned in the tender. Kindly confirm.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria.
25.	The Bengaluru South City Corporation proposes to engage a private operator for the Hiring, Operation and Maintenance of using Minimum 4 number of latest Mechanical Road Sweeping Machines along with associated Number of tipper trucks, for mechanized sweeping of roads within its jurisdiction, with the objective of reducing road dust, improving cleanliness, and ensuring effective collection and disposal of sweepings. Tenders are invited from eligible and experienced bidders located in India who have proven capability in operating, maintaining, and managing using latest mechanical road sweeping machines and supporting logistics, using their own equipment, manpower, and resources.	Hence as explained in Sl.no.1 above, we request you to give the bidder free hand to choose, select and deploy the machines, as per their choice, keeping minimum requirement of 5.0 cu.mt. dirt hopper and minimum 2000 litres water tank as mentioned in the tender requirement or even higher capacity if one can supply at the Contractor's cost, for the betterment of the cleaning project. Kindly consider and confirm.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after.
26.	2. The bidder shall have operated and maintained at least 2 Nos mechanical road sweeping machines (or similar mechanized sweeping equipment) under one or more contracts. (Refer	As per the eligibility criteria, we assume that if the Bidder has undertaken sweeping contract with any latest technology (self-propelled or truck mounted) for Diesel/ CNG / Electric fueled machines with any volumetric capacity, can be eligible to participate with consideration to the marking criteria as given in the tender.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after

Scanned with OKEN Scanner

	Annexure A-1)	Kindly clarify and confirm.	
27.	2. Make/Model Year 2025 or Latest	We find certain ambiguity in the technical specifications and kindly clarify the same: Kindly consider only brand-new machine as the machines are to be operated for a longer period.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
28.	3. Engine Capacity (CC): As per manufactures specifications for the purpose intended:	We will provide the actual engine capacity along with technical brochure of integrated Truck mounted Sweeping machine as explained you below.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
29	4.Fuel Type: Diesel / CNG / Electric	We will provide Diesel fueled machines as mentioned in the tender	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
29	5.Gross Vehicle Weight: As per manufactures specifications for the purpose intended	We will provide all details as mentioned in the tender - As per manufactures specifications for the purpose intended.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
30	6.Engine Power: s per manufactures specifications for the purpose intended	We will provide all details and technical literature at the time of tender for truck mounted integrated sweeping machine as per Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after tender -As per manufactures specifications for the purpose intended.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
31	6.Engine Power: s per manufactures specifications for the purpose intended	We will provide all details and technical literature at the time of tender for truck mounted integrated sweeping machine as per tender -As per manufactures specifications for the purpose intended.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
32	8.Vehicle Emission Compliance: BS-VI / applicable CEV norms	Will be provided as per your tender requirement.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
33	9.Minimum Engine Torque: As per manufactures specifications for the purpose intended	We shall provide truck engine torque along with technical literature at the time of tender as mentioned by you- As per manufactures specifications for the purpose intended.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after

Scanned with OKEN Scanner

34	10.Steering- Power Operated	Our truck mounted sweeper shall comply with tender requirements.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
35	11.Turning Radius: As per manufactures specifications for the purpose intended	We will provide truck mounted sweeper details during tender -As per manufactures specifications for the purpose intended.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after.
36	12. Transaction speed of hydrostatic drive: Minimum 40 kmph Hydrostatic or Crib drive to be allowed for better system control	We will provide better system that is most suitable for Road Sweeping activities continuous in nature. We understand that the Hydrostatic drive is only available in Compact Sweeper which are basically designed for Industrial use which require to move often the machine front and back which is not required for sweeping straight public roads. Therefore, Hydrostatic drive is not applicable and required for Truck mounted Sweeper and request to allow alternative for accommodating the truck mounted sweeper.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
37	16. No. of Brooms/Brushes: 3 and above	Our machines have total 5 brushes which clean more area and surface at one time.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
38	18. Effective Dust Collection Capacity: Minimum 5,000 liters / 5 Cum	Our machine is 6.5 cu.mt. capacity to accommodate more swept materials.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
39	19.Dust Control System: Filter based system capable up to PM2.5 / water recycling system / any better system	Our machines are designed as metal Filter based system with water sprinkling for effective dust control and the machines can be operated in dry as well as wet condition in all-weather condition	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
40	20.Water Tank Capacity: Min. 2000 Liters.	This is an important factor and as we understand that your specification is aimed for a compact/ self-propelled sweeping machine, kindly make a note that in this type of machine 2000 litres water tank is not possible. Hence, we are sure the truck mounted sweeper can only meet your requirement, and we can provide more than 2500 litres water as it is required for dust suppression through sprinkling for continuous sweeping. We therefore request to allow truck mounted sweeper specification to fulfill your requirement.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after

Scanned with OKEN Scanner

41	21. Front Broom Length: Minimum 1,200 mm	The broom position is not in the front in the truck mounted sweeper but given underneath the chassis behind the suction port. Kindly amend.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
	22.Front Broom Diameter: Minimum 900 mm & above	This position is kept at the side for better management. Total 4 brushes are provided at both sides. Kindly amend.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
42	28. Cleaning Method: Vacuum based or conveyor or Combination of Vacuum and Conveyor type	we provide vacuum based methods as per tender requirement.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
43	29. Blower Suction Pressure: Minimum 80 millibar	Our design allows auxiliary engines for generating vacuum	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
44	33. Automatic Levelling System: Hydraulic front suspension with automatic levelling system	we will provide the design as per chassis manufacturer specification.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
Pre-Bid Queries submitted by M/s S.P.T Enterprises			
45	Camera - 360-degree view camera system shall be provided	The proposed arrangement comprising front, rear, and brush-mounted cameras provides adequate visibility, operational safety, and monitoring capabilities necessary for effective machine operation. Accordingly, the requirement for a 360-degree camera system may be considered suitably complied with through this configuration.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
46	Water Tank Capacity - Min. 2000 Liters. To have longer duration cleaning, to have additional road washing system for better pollution control	It is submitted that the proposed machine is equipped with an advanced filtration system, thereby eliminating the need for a large-capacity water tank. In view of this, it is requested that the specification be revised as follows: "Water Tank Capacity – Minimum 400 Liters and above."	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
47	High Pressure Water Pump-The machine shall be equipped with high pressure washing system capable of delivering various water flow and pressure outputs ranging from 10 LPM @ 100 bar	It is respectfully submitted that the existing specification appears to be aligned with the design features of a specific manufacturer. To encourage wider participation and allow for equivalent technologies, it is requested that the specification be amended to read as follows: "High Pressure Water Jet, Vacuum Booster Module, or any other suitable system	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after

Scanned with OKEN Scanner

	pressure to 100 LPM at 100 Bar pressure and vice versa. This will have operational flexibilities to use more water or high-pressure jets as per the onsite cleaning requirement for most effective results. 1) Additionally Full width washing bar with sufficient no. of nozzles is to be provided for effective dust suppression and road washing with high pressure water pump. 2) Water spray jets are to be provided at broom for effective cleaning and dust suppression	conforming to the manufacturer's standard specifications."	
48	Experience Criteria	It is requested that Authorized Dealers or Channel Partners duly authorized by the OEM be permitted to participate in the tender process based on the credentials, experience, and qualification documents of the respective OEM. The Authorized Dealer/Channel Partner shall furnish a valid and current authorization certificate issued by the OEM, along with all relevant supporting documents demonstrating the OEM's technical capability, prior experience, and compliance with the prescribed qualification criteria.	Tender Condition prevails
49	Automatic Leveling System - Hydraulic front suspension with automatic leveling.	It is requested that the requirement be modified to permit the provision of a suitable suspension system on both the front and rear axles, in accordance with the manufacturer's design and operational specifications, in lieu of a mandatory hydraulic front suspension with automatic leveling.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
50	Water Tank Capacity - Min. 2000 Liters. To have longer duration cleaning, to have additional road washing system for better pollution control	Please appreciate that the machine is fitted with filter system and does not require such a huge water tank. The requirement may be amended as under: Water Tank Capacity - Min. 400 Liters and above Suspension System - Suitable suspension system to be provided on front and rear axle.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
51	Camera - 360 degree view camera system shall be provided	The proposed front, rear, and brush cameras will adequately ensure operational safety, visibility, and monitoring requirements. The specifications are adopted from a particular manufacturer. Please amend as under. High Pressure Water Jet, Vacuum Booster Module or suitable system as per manufacturer specification.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after

Scanned with OKEN Scanner

52	Tender Document, Page No. 47, SECTION VI - TECHNICAL SPECIFICATIONS, Sl No. 38	High Pressure Water Pump- The machine shall be equipped with high pressure washing system capable of delivering various water flow and pressure outputs ranging from 10 LPM @ 100 bar pressure to 100 LPM at 100 bar pressure and vice versa. This will have operational flexibilities to use more water or high-pressure jets as per the onsite cleaning requirement for most effective results. • Additionally Full width washing bar with sufficient no. of nozzles is to be provided for effective dust suppression and road washing with high pressure water pump. • Water spray jets are to be provided at broom for effective cleaning and dust suppression.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
53	Page No. 13, SECTION VII - QUALIFICATION CRITERIA, Sl No. (a)	We request you to kindly permit the participation of Authorized Dealers / Channel Partners in the subject tender based on the credentials, experience, and qualification documents of the respective OEM. The Authorized Dealer shall submit a valid and current Authorization Certificate issued by the OEM, along with all necessary supporting documents demonstrating the OEM's technical capability, past experience, and compliance with the tender qualification requirements.	Tender condition prevails
Pre-Bid Queries submitted by M/s TPS			
54	Water Tank Capacity - Min. 2000 Liters. To have longer duration cleaning, to have additional road washing system for better pollution control	Please appreciate that the machine is fitted with filter system and does not require such a huge water tank. The requirement may be amended as under: Water Tank Capacity - Min. 400 Liters and above	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
55	Automatic Leveling System - Hydraulic front suspension with automatic leveling.	Suspension System – Suitable suspension system to be provided on front and rear axle.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
56	Camera - 360-degree view camera system shall be provided	The proposed front, rear, and brush cameras will adequately ensure operational safety, visibility, and monitoring requirements.	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after
57	High Pressure Water Pump- The machine shall be equipped with high pressure washing system capable of delivering various water flow and pressure outputs ranging	The specifications are adopted from a particular manufacturer. Please amend as under:	Tender condition holds good and reply at Sl.No.20 holds good and shall meet these technical specification criteria as per the RFP document and Addendum issued there after

Scanned with OKEN Scanner

	from 10 LPM @ 100 bar pressure to 100 LPM at 100 Bar pressure and vice versa. This will have operational flexibilities to use more water or high-pressure jets as per the onsite cleaning requirement for most effective results. • Additionally Full width washing bar with sufficient no. of nozzles is to be provided for effective dust suppression and road washing with high pressure water pump. • Water spray jets are to be provided at broom for effective cleaning and dust suppression.	High Pressure Water Jet, Vacuum Booster Module or suitable system as per manufacturer specification.	
58	Experience Criteria	We request you to kindly permit the participation of Authorized Dealers / Channel Partners in the subject tender based on the credentials, experience, and qualification documents of the respective OEM. The Authorized Dealer shall submit a valid and current Authorization Certificate issued by the OEM, along with all necessary supporting documents demonstrating the OEM's technical capability, past experience, and compliance with the tender qualification requirements.	REFER:- SECTION – II OF INSTRUCTION TO TENDERERS CALUSE 8 (IV) OF GENERAL CONDITION OF RFP

Hence, pre-bid meeting is concluded.

Thanking you,

Chief Engineer [Zone-1]
Bengaluru South City Corporation

Chief Engineer [Zone-2]
Bengaluru South City Corporation

1. Copy submitted to the Hon'ble Commissioner, BSCC for kind information.
2. Copy submitted to the Additional Commissioner (Development), BSCC for kind information.
3. Copy to Superintending Engineer (Zone-1 & 2), BSCC for information.
4. Copy to Executive Engineer (Zone-1 & 2), TE & M Cell, BSCC for information & necessary action.
5. Office Copy.

Scanned with OKEN Scanner